

RELEASE MECHANISM FOR PLUGGABLE FIBER OPTIC TRANSCEIVER

Michael E. Ahrens

Andreas H. Dannenberg

ABSTRACT

A release mechanism for manually securing a pluggable fiber optic transceiver to a cage mounted on a host circuit board. The transceiver is secured to the cage by a boss extending from a lower wall of the transceiver housing that is received in an opening formed in a resilient transceiver latch of the cage. The release mechanism includes a locking mechanism including a shaft rotatably connected to the transceiver body, a lever extending from a front end of the transceiver body and connected to a first end of the shaft, and a cam mounted at a rear end of the shaft adjacent to the locking mechanism. When the lever is manually rotated, the cam pushes the transceiver latch away from the boss, thereby allowing the transceiver to be pulled from the cage by the lever.